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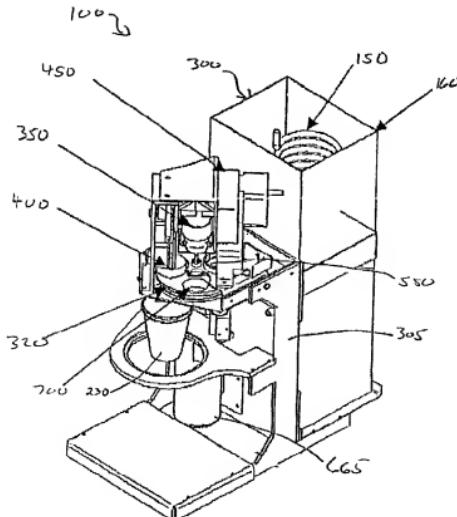
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**Declarations under Rule 4.17:**

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations

*[Continued on next page]*

(54) Title: COFFEE AND TEA DISPENSER



(57) Abstract: A beverage system for brewing a beverage from a beverage material and a source of hot, pressurized water. The beverage system may include a cartridge with the beverage material therein. The cartridge may include a seal positioned about the beverage material. The beverage system also may include an injection system for injecting the hot, pressurized water into the cartridge so as to brew the beverage from the beverage material.

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— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

(88) **Date of publication of the international search report:**  
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**Published:**

— *with international search report*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 03/03075A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A47J31/40

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A47J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 617 389 A (DESLTERA) 6 January 1989 (1989-01-06) the whole document	1-5, 44-46
A	---	6-10, 47-51
X	US 2 968 560 A (NATHAN GOROS) 17 January 1961 (1961-01-17) the whole document	1-5, 44-46
X	US 5 472 719 A (FAVRE ERIC) 5 December 1995 (1995-12-05) the whole document	1-5, 44-46
X	US 2001 052 294 A1 (SCHMED ARTHUR) 20 December 2001 (2001-12-20) the whole document	1-5
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 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which may be used to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

15 May 2003

Date of mailing of the international search report

01.08.03

## Name and mailing address of the ISA

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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US 03/03075

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-10, 44-51

### Remark on Protest

The additional search fees were accompanied by the applicant's protest.  
 No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
FR 2617389	A 06-01-1989	NONE		
US 2968560	A 17-01-1961	DE 1404799 A		12-12-1968
		FR 1248283 A		09-12-1960
		GB 938617 A		02-10-1963
US 5472719	A 05-12-1995	AT 400291 B		27-11-1995
		AU 650064 B		09-06-1994
		AU 8720191 A		26-05-1992
		BE 1006165 A		31-05-1994
		CA 2072367 A,C		01-05-1992
		CH 682909 A		15-12-1993
		CH 688686 A		15-01-1998
		WO 9207775 A		14-05-1992
		DE 4192762 C		19-09-2002
		DE 4192762 T		28-01-1993
		DK 85792 A		30-06-1992
		EP 0507905 A		14-10-1992
		ES 2085823 A		01-06-1996
		FR 2668451 A		30-04-1992
		GB 2255494 A,B		11-11-1992
		IT 1250066 B		30-03-1995
		JP 8032249 B		29-03-1996
		JP 5502817 T		20-05-1993
		LU 88131 A		15-02-1993
		NL 193790 B		03-07-2000
		NL 9120010 T		01-10-1992
		PT 99373 A,B		31-01-1994
		SE 513548 C		02-10-2000
		SE 9201946 A		24-06-1992
US 2001052294	A 20-12-2001	AT 225627 T		15-10-2002
		AU 4621101 A		20-12-2001
		BR 0102375 A		19-02-2002
		CA 2348252 A		14-12-2001
		CN 1328804 A		02-01-2002
		CZ 20011814 A		16-01-2002
		DE 50100037 D		14-11-2002
		DK 1163869 T		10-02-2003
		EP 1163869 A		19-12-2001
		ES 2184726 T		16-04-2003
		HU 0102449 A		28-01-2002
		JP 2002028080 A		29-01-2002
		PL 348078 A		17-12-2001
		PT 1163869 T		28-02-2003
		TR 200201609 T		21-08-2002